	DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the Air Permit Hotline - 1-877-5PERMIT		PERMIT TO CONSTRUCT APPLICATION Revision 3 4/5/2007												
	<i>Please see instructions on page 2 before filling out the form.</i>														
Company Name:		Formation Capital Corp, USA.													
Facility Name:		Idaho Cobalt Project													
Facility ID No.:															
Brief Project Description:		Cobalt mine and mill.													
SUMMARY OF EMISSIONS INCREASE (PROPOSED PTE - PREVIOUSLY MODELED PTE) - POINT SOURCES															
1.		2.		3.											
				PM ₁₀		SO ₂		NO _x		CO		VOC		Lead	
Emissions units		Stack ID		lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Point Source(s)															


Instructions for Form EI-CP3


This form is designed to provide the permit writer and air quality modeler with a summary of the change in criteria pollutant emissions of each emission unit/point associated with this permit application. This information may be used by the IDEQ to perform an air quality analysis or to review an air quality analysis submitted with the permit application or requested by the IDEQ.


Please fill in the same company name, facility name, facility ID number, and brief project description as on form CS in the boxes provided. This is useful in case any pages of the application get separated.

1. Provide the name of the emission unit. This name should match names on other submittals to IDEQ and within this application.
2. Provide the identification number for the stack which the emission unit exits.
3. Provide the increase in emissions in pounds per hour and tons per year for all criteria pollutants emitted by this emission unit. In this form, increase in emissions for an emission unit are the proposed PTE - Previously modeled PTE. If the emission point has or will have control equipment or some other proposed permit limitation such as hours of operation or material usage, then, the control efficiency or proposed permit limit(s) may be used in calculating proposed potential to emit.

NOTE: Attach a separate sheet of paper, or electronic file, to provide additional documentation on the development of the emission rates. Documentation can include emissions factors, throughput, and example calculations.

	DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the Air Permit Hotline - 1-877-5PERMIT	PERMIT TO CONSTRUCT APPLICATION Revision 3 4/5/2007												
Please see instructions on page 2 before filling out the form.														
Company Name:		Formation Capital Corp, USA.												
Facility Name:		Idaho Cobalt Project												
Facility ID No.:														
Brief Project Description:		Cobalt mine and mill.												
SUMMARY OF EMISSIONS INCREASE (PROPOSED PTE - PREVIOUSLY MODELED PTE) - FUGITIVE SOURCES														
1.	2.	3. Air Pollutant Maximum Change in Emissions Rate (lbs/hr or t/yr)												
		PM ₁₀		SO ₂		NO _x		CO		VOC		Lead		
Fugitive Source Name	Fugitive ID	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	
Fugitive Source(s)														
Ore Stockpile	EP301	0.02	0.00											
1200-LD-201- Tram Bin to Coarse	EP302	0.00	0.00											
Loader grab from Coarse Ore Stockpile	EP303	0.00	0.00											
Waste Rock Stockpile	EP401	0.01	0.00											
1200-LD-201- Tram Bin to Waste Rock	EP402	0.00	0.00											
Loader grab from Waste Rock Stockpile	EP403	0.01	0.03											
Loader dump Waste Rock Stockpile	EP404	0.01	0.03											
Conc bldg tailings pile	EP501	0.00	0.00											
Loader grab from Tailings Stockpile	EP502	0.00	0.00											
Loader dump Tailings to Truck	EP503	0.00	0.00											
TWSF Waste Rock truck dumping	EP601	0.00	0.00											
TWSF area management	EP602	0.28	0.20											
TWSF wind erosion	EP603	0.60	0.02											
Truck Dumps Tailings TWSF	EP604	0.00	0.00											
Roads (max of 3 scenarios)	EP901 or 902	3.82	5.74											
Loader Traffic	EP1001	0.15	0.25											
1200-BN-201 - Mined Rock to Transfer	EP1101	0.00	0.00											
1200-FE-201 - Bin to Tram	EP1102	0.00	0.00											
Loader drop to Primary Crusher feed	EP1201	0.04	0.07											
1200-BN-203 - Fine Ore Bin (in)	EP1401	0.00	0.00											
1200-BN-203 - Fine Ore Bin (out) feed	EP1402	0.00	0.00											
Cement Silo (in)	EP1501	0.01	0.00											
Cement Silo (out) fully enclosed	EP1502	0.00	0.00											
Underground emissions from mine	EP1601 or 3001	1.56	1.67	0.57	0.55	4.82	4.69	18.98	18.48					

	DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the Air Permit Hotline - 1-877-5PERMIT	PERMIT TO CONSTRUCT APPLICATION <div style="text-align: right;">Revision 3 4/5/2007</div>											
Please see instructions on page 2 before filling out the form.													
Company Name:		Formation Capital Corp, USA.											
Facility Name:		Idaho Cobalt Project											
Facility ID No.:													
Brief Project Description:		Cobalt mine and mill.											
SUMMARY OF EMISSIONS INCREASE (PROPOSED PTE - PREVIOUSLY MODELED PTE) - FUGITIVE SOURCES													
1.	2.	3. Air Pollutant Maximum Change in Emissions Rate (lbs/hr or t/yr)											
		PM ₁₀		SO ₂		NO _x		CO		VOC		Lead	
Fugitive Source Name	Fugitive ID	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Fugitive Source(s)													
Load /Unload at Topsoil stockpile	EP1701	0.00	0.00										
Topsoil Stockpile	EP1702	0.29	0.01										
Truck Dump Crusher Ore Pile (no	EP1301	0.00	0.00										
Mined Rock truck dump (no tram s	EP1303	0.00	0.00										
Loader grab from mined rock pile (EP1304	0.05	0.10										
Mined Rock stockpile (no tram sce	EP1302	0.01	0.00										
Truck Dump Crusher Ore Pile (no	EP2001	0.00	0.00										
Total		6.87	8.14	0.57	0.55	4.82	4.69	18.98	18.48				

	DEQ AIR QUALITY PROGRAM 1410 N. Hilton, Boise, ID 83706 For assistance, call the Air Permit Hotline - 1-877-5PERMIT		PERMIT TO CONSTRUCT APPLICATION Revision 3 4/5/2007										
	<i>Please see instructions on page 2 before filling out the form.</i>												
Company Name:		Formation Capital Corp, USA.											
Facility Name:		Idaho Cobalt Project											
Facility ID No.:													
Brief Project Description:		Cobalt mine and mill.											
SUMMARY OF EMISSIONS INCREASE (PROPOSED PTE - PREVIOUSLY MODELED PTE) - FUGITIVE SOURCES													
1.	2.	3. Air Pollutant Maximum Change in Emissions Rate (lbs/hr or t/yr)											
		PM ₁₀		SO ₂		NO _x		CO		VOC		Lead	
Fugitive Source Name	Fugitive ID	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr	lb/hr	T/yr
Fugitive Source(s)													

Instructions for Form EI-CP4

This form is designed to provide the permit writer and air quality modeler with a summary of the change in criteria pollutant emissions of each emission unit/point associated with this permit application. This information may be used by the IDEQ to perform an air quality analysis or to review an air quality analysis submitted with the permit application or requested by the IDEQ.

Please fill in the same company name, facility name, facility ID Number, and brief project description as on Form CS in the boxes provided. This is useful in case any pages of the application get separated.

1. Provide the name of the emission unit. This name should match names on other submittals to IDEQ and within this application.
2. Provide the identification number for the fugitive source. This ID should match IDs on other submittals to IDEQ and within this application.
3. Provide the increase in emissions in pounds per hour and tons per year for all criteria pollutants emitted by this fugitive source. In this form, increase in emissions for an emission unit are the proposed PTE - Previously modeled PTE. If the fugitive source has or will have control equipment or some other proposed permit limitation such as hours of operation or material usage, the control efficiency or proposed permit limit(s) may be used in calculating proposed potential to emit.

NOTE: Attach a separate sheet of paper, or electronic file, to provide additional documentation on the development of the emission rates. Documentation can include emissions factors, throughput, and example calculations.

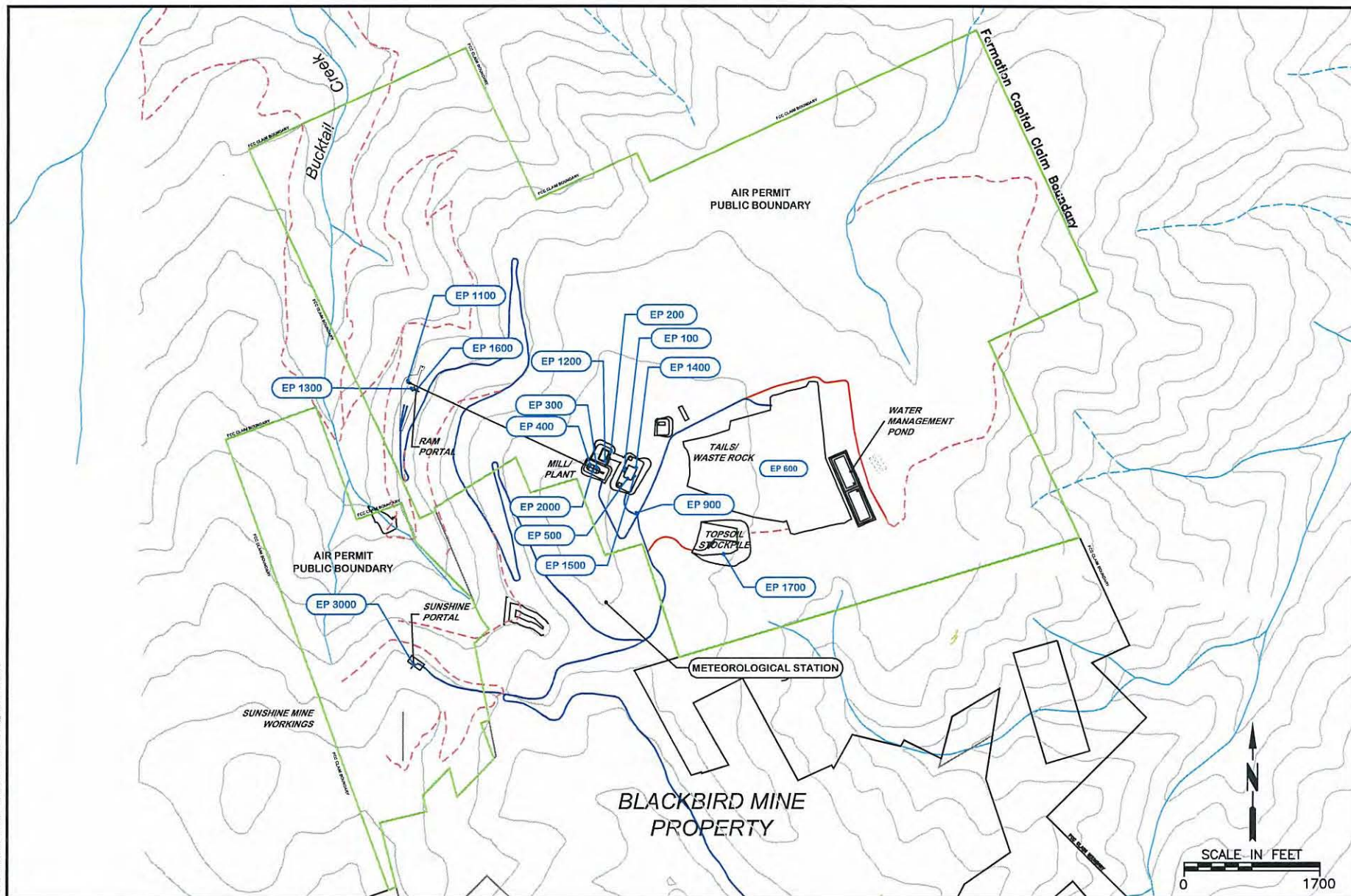


**FIGURE 6-1A
PLOT PLAN**

IDAHO COBALT PROJECT
AIR PERMIT APPLICATION

August 2008

9/3/2008 R:\IdahoCobaltProject\Air_Permit\Calculations\AutoCad\AIR_PERMIT.dwg



**FIGURE 6-1B
PLOT PLAN**

IDAHO COBALT PROJECT
AIR PERMIT APPLICATION

August 2008

Form MI

All information required for form MI, all pages, is included in the modeling report in Section 7.0 (BPIP building data in Attachment 4 of Appendix E). This information is also included on the electronic data files submitted on CD-ROM.



DEQ AIR QUALITY PROGRAM
 1410 N. Hilton, Boise, ID 83706
 For assistance, call the
Air Permit Hotline – 1-877-5PERMIT

PERMIT TO CONSTRUCT APPLICATION

Revision 3
 03/26/07

Please see instructions on page 2 before filling out the form.

IDENTIFICATION		
Company Name:	Facility Name:	Facility ID No:
Formation Capital Corporation, U.S.	Idaho Cobalt Project	
Brief Project Description: Cobalt Mine and Mill		
APPLICABILITY DETERMINATION		
1. Will this project be subject to 1990 CAA Section 112(g)? (Case-by-Case MACT)	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES*	* If YES, applicant must submit an application for a case-by-case MACT determination [IAC 567 22-1(3)"b" (8)]
2. Will this project be subject to a New Source Performance Standard? (40 CFR part 60)	<input type="checkbox"/> NO <input checked="" type="checkbox"/> YES*	*If YES, please identify sub-part: <u>LL, IIII</u>
3. Will this project be subject to a MACT (<u>M</u> aximum <u>A</u> chievable <u>C</u> ontrol <u>T</u> echnology) regulation? (40 CFR part 63)	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES*	*If YES, please identify sub-part: _____
THIS ONLY APPLIES IF THE PROJECT EMITS A HAZARDOUS AIR POLLUTANT		
4. Will this project be subject to a NESHAP (<u>N</u> ational <u>E</u> mission <u>S</u> tandards for <u>H</u> azardous <u>A</u> ir <u>P</u> ollutants) regulation? (40 CFR part 61)	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES*	*If YES, please identify sub-part: _____
5. Will this project be subject to PSD (<u>P</u> revention of <u>S</u> ignificant <u>D</u> eterioration)? (40 CFR section 52.21)	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	
6. Was netting done for this project to avoid PSD?	<input checked="" type="checkbox"/> NO <input type="checkbox"/> YES*	*If YES, please attach netting calculations
IF YOU ARE UNSURE HOW TO ANSWER ANY OF THESE QUESTIONS, CALL THE AIR PERMIT HOTLINE AT 1-877-5PERMIT		

Appendix B

Equipment List

Source ID	Source
EP101	1900-GE-901 - Generator
EP201	1200-DC-201 - Crushing Dust Collector
EP301	Ore Stockpile
EP302	1200-LD-201- Tram Bin to Coarse Ore Stockpile
EP303	Loader grab from Coarse Ore Stockpile
EP401	Waste Rock Stockpile
EP402	1200-LD-201- Tram Bin to Waste Rock Stockpile
EP403	Loader grab from Waste Rock Stockpile
EP404	Loader dump Waste Rock Stockpile into Truck
EP501	Conc bldg tailings pile
EP502	Loader grab from Tailings Stockpile
EP503	Loader dump Tailings to Truck
EP601	TWSF Waste Rock truck dumping
EP602	TWSF area management
EP603	TWSF wind erosion
EP604	Truck Dumps Tailings TWSF
EP901	Roads (tram scenario)
EP901	Roads (no tram scenario)
EP902	Roads (Sunshine Portal scenario)
EP1001	Loader Traffic
EP1101	1200-BN-201 - Mined Rock to Tram Bin
EP1102	1200-FE-201 - Bin to Tram
EP1201	Loader drop to Primary Crusher feed bin
EP1301	Mined Rock truck dump
EP1302	Mined Rock stockpile
EP1303	Loader grab from mined rock pile
EP1304	Loader drop to Truck
EP1401	1200-BN-203 - Fine Ore Bin (in)
EP1402	1200-BN-203 - Fine Ore Bin (out) fully enclosed
EP1501	1400-SI-401 - Cement Silo (in)
EP1502	1400-SI-401 - Cement Silo (out) fully enclosed

Source ID	Source
EP1601	Underground emissions vented from Ram Portal
EP1701	Load /Unload at Topsoil stockpile
EP1702	Topsoil Stockpile
EP2001	Truck Dump Crusher Ore Pile (no tram scenario)
EP 3001	Underground emissions vented from Sunshine portal

- Notes:
1. Universally represents tram scenario only emissions
 2. Universally represents no tram scenario only emissions
 3. Universally represents Sunshine portal only